

Listing of Claims:

1. (Currently Amended) An image display device ~~that with it~~
~~being~~ which is supported by a portion other than a user, which is
adapted to be in contact with ~~the~~ a face of the user, and which
is movable in accordance with ~~the~~ a movement of the face of the
5 user, ~~said image display device being characterized in that the~~
wherein when said image display device is worn by the user, a
gravity center of said image display device is, ~~when it is worn~~
~~by the user,~~ located on ~~the~~ a nearer side of ~~the~~ an occipital
region compared with ~~the~~ eyeballs of said user and on ~~the~~ a
10 nearer side of the neck compared with the eyeballs of said user.

2. (Currently Amended) ~~An~~ The image display device
according to claim 1, ~~characterized in that~~ wherein the gravity
center of said image display device substantially coincides with
the an average , 3-axes' rotational movement center of the neck
5 of the user ~~a human who is supposed to use said image display~~
~~device.~~

3. (Currently Amended) An image display device ~~that with~~
~~it,~~ which is supported by a portion other than a user , ~~being~~
~~supported~~ so that said image display device is movable in ~~the~~
three-dimensional directions in space, and ~~being supported so~~

5 that said image display device is rotationally movable in the
three-dimensional directions, wherein said image display device
is adapted to be ~~is~~ in contact with ~~the~~ a face of the user, and
is movable and rotationally movable in accordance with ~~the~~
movement of the face of the user, said image display device ~~being~~
10 ~~characterized in that it has~~ comprising a plurality of rotational
movement shafts ~~of said image display device and in that~~ wherein
each of the rotational movement shafts passes through ~~the~~ a
vicinity of ~~the~~ a gravity center of said image display device.

4. (Currently Amended) ~~An~~ The image display device
according to claim 1, wherein said image display device is
supported ~~that with it,~~ by ~~a~~ the portion other than ~~a~~ the user,
~~being supported~~ so that said image display device is movable in
5 ~~the~~ three-dimensional directions in space and ~~being supported so~~
~~that said image display device~~ is rotationally movable in the
three-dimensional directions, wherein when said image display
device is in contact with the face of the user, ~~and~~ said image
display device is movable and rotationally movable in accordance
10 with the movement of the face of the user, ~~said image display~~
~~device being characterized in that~~ and wherein each of the plural
rotational movement shafts of said image display device passes
through ~~the~~ a vicinity of the gravity center of said image
display device.

5. (Currently Amended) ~~An~~ The image display device according to claim 3 or 4, ~~characterized in that wherein~~ to each of said rotational movement shafts, ~~is set~~ a rotational movement amount measuring sensor is set, and ~~in that wherein~~ said image display device ~~has~~ further comprises a computing device ~~that determines the~~ for determining an output image of said image display device in accordance with ~~the~~ outputs from said rotational movement amount measuring sensors.

6. (Currently Amended) ~~An~~ The image display device according to claim 1 or 3, ~~characterized in that wherein~~ said image display device is connected by a string-like flexible member with a counterweight and wherein ~~in that~~ by suspending said image display device and said counterweight ~~[[,]]~~ via a pulley set on a two-dimensional-direction driving mechanism movable on a horizontal flat surface supported by ~~the~~ a floor, ~~said image display device and counterweight~~, said string-like flexible member supports said image display device.

7. (Currently Amended) ~~An~~ The image display device according to claim 1 or 3, ~~characterized in that wherein~~ said image display device is, via sandwiching means for sandwiching the face from ~~the~~ right and left side face directions ~~that function also as earphones~~, in adapted to contact with the face

of the user, wherein said sandwiching means is also for functioning as earphones, and ~~in that the~~ wherein a positional relationship between the face and said image display device is substantially fixed by said sandwiching means.

8. (Currently Amended) ~~An~~ The image display device according to claim 1 or 3, ~~characterized in that~~ wherein said image display device has a function of projecting and imaging, via a relay optical system, a light emitted from a
5 two-dimensional type image forming device onto ~~the~~ retinas in the right and left eyeballs of the user, ~~with~~ and wherein the imaged image ~~being~~ is a wide range image having a field of view angle of ± 22.5 degrees or more.

9. (Currently Amended) ~~An~~ The image display device according to claim 1 or 3, ~~characterized in that~~ wherein said image display device ~~has~~ further comprises a two-dimensional type image forming device, first ~~(for the right eye use)~~ and second
5 ~~(for the left eye use)~~ light diffusing bodies, first ~~(for the right eye use)~~ and second ~~(for the left eye use)~~ relay optical systems that respectively relay a light emitted from said two-dimensional type image forming device to the first ~~(for the right eye use)~~ and second ~~(for the left eye use)~~ light diffusing
10 bodies, and first ~~(for the right eye use)~~ and second ~~(for the~~

~~left eye use)~~ eyepiece optical systems that respectively project and image ~~the~~ transmitted images of said first and second light diffusing bodies onto ~~each of the~~ retinas in the right and left eyeballs of the user, wherein the first light diffusing
15 body, the first relay optical system and the first eyepiece
optical system are for the right eye of the user, and the second
light diffusing body, the second relay optical system and the
second eyepiece optical system are for the left eye of the user.

10. (Currently Amended) ~~An~~ The image display device according to claim 9, ~~characterized in that said image display device has~~ further comprising an adjusting mechanism ~~that adjusts the~~ for adjusting a distance between ~~the~~ optical centers of said
5 first and second eyepiece optical systems and ~~the~~ a distance between ~~the first transmitted image and the second transmitted image~~ images having transmitted through said light diffusing bodies so that ~~those~~ the distances ~~become equal~~ correspond to ~~the~~ an eye-width of the user.

11. (Currently Amended) ~~An~~ The image display device according to claim 9, ~~characterized in that~~ wherein said light diffusing bodies, which diffuse light, are each a transmission type diffusing plate constituted by a transmission plate on which
5 abrasive grains of a metal oxide or metallic carbide of which

grain diameter is precisely controlled with micron-grade are coated.

12. (Currently Amended) ~~An~~ The image display device according to claim 11, ~~characterized in that~~ wherein said abrasive grains are made of at least one of silicon carbide, chromium oxide, tin oxide, titanium oxide, magnesium oxide, and aluminum oxide and ~~in that~~ said transmission plate is a polyester film.

13. (Currently Amended) ~~An~~ The image display device according to claim 8, ~~characterized in that~~ wherein said two-dimensional type image forming device ~~has~~ comprises:

three pieces of two-dimensional transmission type or reflection type liquid crystal device elements, each corresponding to ~~each of~~ a respective one of the colors of green (G), blue (B), and red (R), ~~which are~~ and perpendicular to ~~the~~ a light beam emitting direction,

an illumination device that illuminates said liquid crystal device elements, and

an image combining device that combines ~~the~~ lights emitted from said liquid crystal device elements into a single image.

14. (Currently Amended) ~~An~~ The image display device according to claim 9, ~~characterized in that wherein~~ said two-dimensional type image forming device ~~has~~ comprises:

three pieces of two-dimensional transmission type or
5 reflection type liquid crystal device elements, each corresponding to ~~each of a respective one of~~ the colors of green (G), blue (B), and red (R), ~~which are~~ and is perpendicular to ~~the~~ a light beam emitting direction,

an illumination device that illuminates said liquid crystal
10 device elements, and

an image combining device that combines ~~the~~ lights emitted from said liquid crystal device elements into a single image.

15. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 9, ~~characterized in that wherein~~ with respect to each of said first and second eyepiece optical systems, at least one surface of ~~the lenses constituting~~ a lens
5 thereof is made to be a conic surface with a conic constant $K < 0$, ~~and in that wherein~~ each of said eyepiece optical systems ~~has~~ comprises at least two cemented lenses.

16. (Withdrawn - Currently Amended) A simulation device that uses the image display ~~devices~~ device according to claim 1 or 3, ~~characterized in that wherein~~ said simulation device ~~has~~

comprises a for-somesthesia-purpose driving portion that, in
5 accordance with an image displayed on said image display device,
gives at least one of a for-somesthesia-purpose stimulus other
than an acoustic stimulus to ~~a~~ the user ~~or~~ and controls ~~the~~ a
posture of the user.

17. (Withdrawn - Currently Amended) ~~A~~ The simulation device
~~, which uses the image display device,~~ according to claim 16,
~~characterized in that~~ wherein said for-somesthesia-purpose
driving portion ~~has~~ comprises an air blowing mechanism ~~that blows~~
5 for blowing air from ahead of said image display device, ~~and in~~
~~that~~ said air blowing mechanism ~~has~~ having a function of varying
~~the~~ an air blowing amount in accordance with ~~the~~ a virtual
movement speed somesthetically felt through the image displayed
on said image display device.

18. (Withdrawn - Currently Amended) ~~A~~ The simulation device
according to claim 17, ~~characterized in that~~ wherein said air
blowing mechanism has a control mechanism ~~that controls the~~ to
control an air blowing temperature.

19. (Withdrawn - Currently Amended) ~~A~~ The simulation device
according to claim 17, wherein said air blowing mechanism has a

control mechanism ~~that controls the~~ to control a fragrance during the air blowing.

20. (Withdrawn - Currently Amended) ~~A~~ The simulation device ~~, which uses the image display device,~~ according to claim 16, characterized in that said simulation device has further comprising operating means by which the user controls with his or
5 her hand or foot ~~the~~ a virtual movement speed somesthetically felt through the image displayed on said image display device.

21. (Withdrawn - Currently Amended) ~~A~~ The simulation device according to claim 20, ~~characterized in that~~ wherein said operating means ~~is provided with~~ comprises an emergency switch.

22. (Withdrawn - Currently Amended) ~~A~~ The simulation device ~~, which uses the image display device,~~ according to claim 16, characterized in that wherein said for-somesthesia-purpose driving portion ~~has~~ comprises a control device that inclines a
5 portion supporting the user in accordance with the user's body inclination somesthetically felt through the image displayed on said image display device.

23. (Withdrawn - Currently Amended) ~~A~~ The simulation device according to claim 22, ~~characterized in that~~ wherein said portion

supporting the user ~~supports~~ is adapted to support the user in a state of standing or walking.

24. (Withdrawn - Currently Amended) ~~A~~ The simulation device according to claim 22, ~~characterized in that~~ wherein said portion supporting the user ~~supports~~ is adapted to support the user in at least one of a state of sitting ~~or~~ and in a state of sitting and
5 rowing with feet.

25. (Withdrawn - Currently Amended) ~~A~~ The simulation device according to claim 22, ~~characterized in that~~ wherein said portion supporting the user ~~supports~~ is adapted to support the user in at least one of a state that the user is lying and a portion of the
5 user's body is suspended upwardly ~~or in~~ and a state that the user's entire body is supported by the user's portion other than feet and buttocks.

26. (Withdrawn - Currently Amended) ~~A~~ The simulation device according to claim 16, wherein ~~either~~ one of a high-definition image ~~or~~ and an image formed by a computer is selected and displayed on said image display device, and wherein ~~said~~
5 ~~simulation device being characterized in that it has a function that~~ when the high-definition image is displayed, said for-somesthesia-purpose driving portion is controlled with a

predetermined sequence ~~predetermined~~ in accordance with ~~the~~ a
display of the high-definition display and ~~that~~ when the image
10 formed by the computer is displayed, the image is formed by the
computer and said for-somesthesia-purpose driving portion is
controlled, in response to input information inputted by the user
through an operating portion.

27. (Withdrawn - Currently Amended) ~~A~~ The simulation device
according to claim 16, wherein a high-definition image and an
image formed by a computer are combined and displayed on said
image display device, ~~said for-somesthesia-purpose control~~
5 ~~portion being characterized in that it~~ and

wherein said for-somesthesia-purpose driving portion is
controlled ~~has a function of controlling with a~~ predetermined
sequence ~~predetermined~~ in accordance with ~~the~~ a display of the
high-definition display, ~~said for-somesthesia-purpose driving~~
10 ~~portion and of, on the other hand, forming~~ and wherein the image
is formed by the computer ~~an image~~ in response to input
information inputted by the user through an operating portion.

28. (Withdrawn - Currently Amended) ~~A~~ The simulation device
according to claim 26 27, ~~characterized in that said simulation~~
~~device has~~ further comprising:

a first two-dimensional image forming device that forms a
5 the high-definition image, ~~and~~

a second two-dimensional image forming device that forms ~~an~~
the image formed by ~~a~~ the computer, ~~and has~~

means that ~~combines~~ optically or electrically combines the
image of said first two-dimensional image forming device and the
10 image of said second two-dimensional image forming device.

29. (Withdrawn - Currently Amended) ~~A~~ The simulation device
according to claim 28, ~~characterized in that~~ wherein said
simulation device ~~has~~ includes high-definition image information
having a wider region than ~~the~~ high-definition image information
5 displayable with said first two-dimensional image forming device, ~~and~~
and

wherein the simulation device has a function of having, in
accordance with ~~the outputs~~ an output of a detecting device that
detects ~~the~~ a direction of the user's face when the user wears
10 said image display device, a portion of said high-definition
image information having ~~a~~ the wider region formed on said first
two-dimensional image forming device.